

RANDOLPH
Cancer Incidence by Sex, 1993 - 1997
Expected and Observed Case Counts, with Standardized Incidence Ratios

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>				<u>Melanoma of Skin</u>			
Male	20.27	16	79	Male	12.18	11	90
Female	7.97	11	138	Female	10.00	12	120
Total	28.24	27	96	Total	22.17	23	104
<u>Brain and Other Central Nervous System</u>				<u>Multiple Myeloma</u>			
Male	6.64	5	75	Male	3.78	4	NC*
Female	5.90	4	NC*	Female	3.63	4	NC*
Total	12.54	9	72	Total	7.41	8	108
<u>Breast</u>				<u>Non-Hodgkin's Lymphoma</u>			
Male	1.31	1	NC*	Male	16.08	17	106
Female	127.94	117	91	Female	14.57	10	69
Total	129.25	118	91	Total	30.65	27	88
<u>Cervix Uteri</u>				<u>Oral Cavity and Pharynx</u>			
Female	8.19	8	98	Male	13.28	19	143
				Female	6.65	6	90
				Total	19.93	25	125
<u>Colon / Rectum</u>				<u>Ovary</u>			
Male	51.33	51	99	Female	15.40	20	130
Female	51.18	63	123				
Total	102.51	114	111				
<u>Esophagus</u>				<u>Pancreas</u>			
Male	7.35	2	NC*	Male	7.74	8	103
Female	2.64	3	NC*	Female	8.45	5	59
Total	9.99	5	50	Total	16.18	13	80
<u>Hodgkin's Disease</u>				<u>Prostate</u>			
Male	3.22	2	NC*	Male	124.92	144	115
Female	2.57	1	NC*				
Total	5.79	3	NC*				
<u>Kidney and Renal Pelvis</u>				<u>Stomach</u>			
Male	11.81	13	110	Male	8.73	11	126
Female	7.32	9	123	Female	5.50	5	91
Total	19.13	22	115	Total	14.22	16	112
<u>Larynx</u>				<u>Testis</u>			
Male	7.17	5	70	Male	4.63	7	151

Female	2.08	2	NC*				
Total	9.25	7	76				
<u>Leukemia</u>				<u>Thyroid</u>			
Male	8.69	12	138	Male	2.45	4	NC*
Female	6.80	8	118	Female	6.56	11	168
Total	15.49	20	129	Total	9.02	15	166
<u>Liver and Intrahepatic Bile Ducts</u>				<u>Uteri, Corpus and Uterus, NOS</u>			
Male	4.07	6	147				
Female	1.75	3	NC*	Female	24.63	18	73
Total	5.82	9	155				
<u>Lung and Bronchus</u>				<u>All Sites / Types</u>			
Male	65.66	74	113	Male	409.52	444	108
Female	51.39	65	126	Female	400.38	423	106
Total	117.04	139	119	Total	809.90	867	107 #+

Exp = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

Obs = observed case count

SIR = standardized incidence ratio [(**Obs** / **Exp**) X 100]

* = **SIR** and statistical significance not calculated when **Obs** < 5

+ indicates number of observed cases is statistically significantly higher than the expected number of cases

- indicates number of observed cases is statistically significantly lower than the expected number of cases

indicates statistical significance at the $p \leq 0.05$ level

~ indicates statistical significance at the $p \leq 0.01$ level, as well as at the $p \leq 0.05$ level

^ indicates statistical significance at the $p \leq 0.001$ level, as well as at the $p \leq 0.05$ and $p \leq 0.01$ levels